

P15733.A30

being connected to one communications link or the plurality of parallel wireless communications links so that the plurality of communications links can be monitored during the transmission, the method comprising:

maintaining active communications links between the first device and at least one of the remote devices, at least two of the communications links being autonomous, dissimilar, connected to both the first device and the remote device, and available for data transmission;

E1 monitoring the status of the plurality of parallel dissimilar wireless communications links;

transmitting over a first available communications link as needed;

switching from the first communications link to a second available communications link;

transmitting over the second communications link;

receiving over the first available communications link as needed; and

receiving over the second communications link,

wherein the transmission between the first device and the remote device occurs while switching from the first communications link to the second communications link.

Please add the following new claims:

~~45~~ ~~124~~. A computer readable medium storing a computer program for routing data between a first device and a remote device over a plurality of parallel wireless networks, at least two of the networks being autonomous, dissimilar, connected to both the first device and the remote device, and available for data transmission, the computer program comprising:

transmitting over a first one of the networks; and

transmitting over the second network;

wherein a transmission between the first device and the remote device occurs while switching from the first network to the second network.

~~46~~ ~~125~~. The computer readable medium of claim ~~45~~ ~~124~~, in which the switching further comprises switching networks immediately after transporting a first data packet and before transporting a subsequent consecutive data packet.

~~47~~ ~~126~~. The computer readable medium of claim ~~45~~ ~~124~~, further comprising monitoring to determine whether a next network is available for data transport.

~~48~~ ~~127~~. The computer readable medium of claim ~~47~~ ~~126~~, further comprising selecting a next available network from the plurality of networks in accordance with network selection criteria when the monitoring determines that the first network becomes unavailable for data transport.

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~~128~~. The computer readable medium of claim ~~127~~⁴⁸, in which the switching further comprises switching to the next available network, immediately after transporting a first data packet and before transporting a subsequent consecutive data packet, when the monitoring determines that the first network is unavailable for data transport.

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~~129~~. The computer readable medium of claim ~~124~~⁴⁵, in which the plurality of parallel dissimilar networks comprise at least one wireless network and at least one wireline network.

⁵¹
~~130~~. The computer readable medium of claim ~~124~~⁴⁵, further comprising interfacing protocolized data into the plurality of parallel dissimilar networks using different protocols.

⁵²
~~131~~. The computer readable medium of claim ~~124~~⁴⁵, in which the plurality of parallel dissimilar networks comprise switched networks.

⁵³
~~132~~. The computer readable medium of claim ~~124~~⁴⁵, in which the plurality of parallel dissimilar networks comprise dedicated networks.

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~~133~~. The computer readable medium of claim ~~124~~⁴⁵, in which the plurality of parallel dissimilar networks comprise switched networks and dedicated networks.

⁵⁵
~~134~~. The computer readable medium of claim ~~124~~⁴⁵, in which the plurality of parallel dissimilar networks comprise at least one of digital networks and analog networks.

⁵⁶
~~135~~. The computer readable medium of claim ~~124~~⁴⁵, in which at least one of the plurality of networks comprises a packet based wireless network.

⁵⁷
~~136~~. The computer readable medium of claim ~~124~~⁴⁵, in which the data comprises digital data.